

Group IV, claim 25, drawn to a kit and a concentrated sample of culture medium.

In addition, the Examiner requested an election of the following species upon the election of any one of the above groups I-IV:

- 1) Any one of the tissue of claim 2 and claim 14 or a combination of tissues, wherein a single combination of tissues constitutes a single species;
- 2) A single protein or a mRNA encoding the single protein recited in claims 6 and 9;
- 3) Treatment using microgravity bioreactor, or microgravity bioreactor and dexamethasone, or biological stress comprising scalding the tissue; and
- 4) TUNEL staining or immunological evaluation.

In response, Applicants elect Group I (claims 1-22) without traverse. Non-elected claims 23-25 have been canceled.

Furthermore, Applicants elect the following species upon the election of Group I:

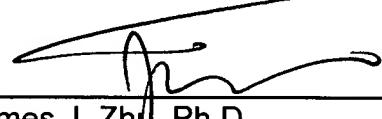
- 1) a skin tissue;
- 2) a single protein;
- 3) a treatment using microgravity bioreactor; and
- 4) a TUNEL staining.

Accordingly, Applicants have elected to begin prosecution with examination of claims 1-22 with elected species.

Upon allowance of the generic claims, applicants request considerations of claims to additional species which are written in dependent form or which otherwise include all the limitations of the allowed generic claims.

Applicants further petition for one month of extension time to file the response.
The Commissioner is hereby authorized and requested to charge any fees herein to
Deposit Account No. 50-0665.

Respectfully submitted,
Perkins Coie LLP



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Date: Nov. 11, 2002

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